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PTO/SB/21 (08-00)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number 10/026,121

Filing Date 12/17/2001

First Named Inventor SERGIY VASYLYEV

Group Art Unit 2872

Examiner Name

Total Number of Pages in This Submission

Attorney Docket Number

ENCLOSURES (check all that apply)

☐ Fee Transmittal Form

☐ Fee Attached

☐ Amendment / Reply

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☒ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/
Incomplete Application

☐ Response to Missing Parts
under 37 CFR 1.52 or 1.53

☐ Assignment Papers
(for an Application)

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a
Provisional Application

☐ Power of Attorney, Revocation
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☐ Terminal Disclaimer

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☐ After Allowance Communication
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☐ Appeal Communication to Board
of Appeals and Interferences

☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please
identify below):

1. IDS Comments/Translation of
non-English references,
2. Copies of references cited in the
IDS (total 9 references)

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual name

SERGIY VASYLYEV

Signature

Date

March 15, 2002

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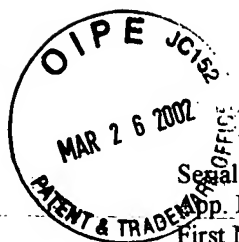
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In the United States Patent and Trademark Office

Serial number: 10/026,121
App. Filed: 12/17/2001
First Named Inventor: Sergiy Vasylyev
App Title: Apparatus for Collecting and Converting Radiant Energy

RECEIVED
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March 14, 2002

Information Disclosure Statement

Assistant Commissioner for Patents
Washington, DC 20231

Sir/Madam:

Attached is a completed form PTO/SB/08 and copies of references cited thereon.

Following are comments/translation on non-English-language references pursuant to Rule 98:


Vasylyev shows a concentrator of radiant energy with coaxially disposed rings having inner reflective surfaces and confocal parabolic profiles. The reflective rings are attached to a rigid frame and positioned at fixed distances relatively to each other so that they share a common focus. The lower edge of each ring is disposed on the side surface of an imaginary cone having a vertex in the common focus of said rings and a bottom perimeter coinciding with the upper edge of an adjacent external ring. The upper edge of each ring is disposed on the side surface of an imaginary cylinder having a generatrix parallel to the common axis of said rings and abutting the adjacent external ring.

None of the references shows an apparatus for collecting and converting radiant energy wherein the apparatus comprises a **plurality of slat-like reflective surfaces** extending between generally parallel front and rear opposing longitudinal ends and having generally **concave transversal profiles**, and an **elongated energy receiver** disposed in **energy receiving relation to each of said reflective surfaces**.

To the contrary, the above reference and the like show concentrators that are having parabolic profiles with rotational symmetry and a common focus.

All the references disclosing line-focus energy concentrators composed by multiple elements are employing either refractive Fresnel lenses or reflective slats with straight-line profiles. Also, none of the references show a plurality of concave reflectors focusing the radiant energy onto a single receiver.

Very respectfully,


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Enclosures: PTO/SB/08, References